



GE Silicones

FORMAT:USA

MATERIAL SAFETY DATA SHEET  
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PRODUCT: GE612

ACETOXY SANITARY SEALANT

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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**MANUFACTURED BY:**  
GE SILICONES  
260 HUDSON RIVER ROAD  
WATERFORD, NY 12188**SUPPLIED BY:**  
GE SILICONES  
260 HUDSON RIVER ROAD  
WATERFORD, NY 12188**EMERGENCY PHONE (24 HRS)**  
(518) 237-3330**EMERGENCY PHONE (24 HRS)**  
(518) 237-3330**REVISED:** 04/01/01  
**PREPARER:** CE HANNIGAN  
**CHEMICAL FAMILY/USE:** SILICONE RUBBER SEALANT  
**FORMULA:** MIXTURE

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION/ CAS REG NO.	APPROX. WGT. %	ACGIH TLV TWA	ACGIH TLV STEL	OSHA PEL TWA	OSHA PEL STEL	UNITS
1. HAZARDOUS						
METHYLTRIACTOXSILANE 4253-34-3	1-5	10(R)	NE	10(R)	NE	PPM
2. NON-HAZARDOUS						
POLYDIMETHYLSILOXANE SILANOL/STPD 70131-67-8	60-80	-	NE	-	NE	-
DIMETHYLPOLYSILOXANE 63148-62-9	5-10	NE	NA	NE	NA	NA
TREATED FUMED SILICA 68611-44-9	5-10	10	NE	15	NE	MG/M3

See Section 15 for description of any WHMIS Trade Secret(s).

## 3. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:**

Translucent Solid

Vinegar odor

Avoid contact with eyes.

Uncured product contact irritates eyes.

Refer to other MSDS sections for detailed information.

**POTENTIAL HEALTH EFFECTS:****INGESTION:**

May be harmful if swallowed.

**SKIN CONTACT:**

Uncured product contact will irritate lips, gums and tongue.

Uncured product contact may irritate the skin.

**INHALATION:**

\*\*\* CONTINUED ON NEXT PAGE \*\*\*

Causes irritation of the mouth, nose, and throat.

Applies only in uncured state.

**EYE CONTACT:**

Uncured product contact irritates eyes.

**MEDICAL CONDITIONS AGGRAVATED:**

None known.

**SUBCHRONIC (TARGET ORGAN) EFFECTS:**

None known

**CHRONIC EFFECTS/CARCINOGENICITY:**

This product or one of its ingredients present 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

**PRODUCTS/INGREDIENTS**

This space reserved for special use.

**PRINCIPLE ROUTES OF EXPOSURE:**

Oral.

Dermal - skin.

Eyes.

Inhalation.

**OTHER:**

Acetic acid released during curing.

#### 4. FIRST AID MEASURES

**INGESTION:**

Rinse mouth with water several times.

**SKIN:**

To clean from skin, remove completely with a dry cloth or paper towel, before washing with detergent and water.

Get medical attention if irritation persists.

**INHALATION:**

Move person to fresh air.

**EYES:**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

**NOTE TO PHYSICIAN:**

None known.

#### 5. FIRE FIGHTING MEASURES

**FLASH POINT:**

NA

(C) NA

(F)

**METHOD**

:

NA

**IGNITION TEMP**

:

UNK

(C) UNK

(F)

**FLAMMABLE LIMITS IN AIR - LOWER (%):**

UNK

**FLAMMABLE LIMITS IN AIR - UPPER (%):**

UNK

**SENSITIVITY TO MECHANICAL IMPACT (Y/N):**

NO

**SENSITIVITY TO STATIC DISCHARGE:**

Sensitivity to static discharge is not expected.

**EXTINGUISHING MEDIA:**

All standard firefighting media

**SPECIAL FIREFIGHTING PROCEDURES:**

None known.

#### 6. ACCIDENTAL RELEASE MEASURES

**ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:**

Wipe, scrape or soak up in an inert material and put in a container for disposal.

Wash walking surfaces with detergent and water to reduce slipping hazard.

Wear proper protective equipment as specified in the protective

equipment section.  
Increase area ventilation.

## 7. HANDLING AND STORAGE

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Avoid contact with skin and eyes.

Caution]

Remove contact lenses before using sealant. Do not handle lenses until all sealant has been cleaned from the fingertips, nails and cuticles. Residual sealant may remain on fingers for several days and transfer to lenses and cause severe eye irritation.

Product releases acetic acid during application and curing.

Use mechanical ventilation to stay below TLV of 10 ppm acetic acid.

Uncured product contact irritates eyes.

Uncured product contact may irritate skin.

Use in a well ventilated area to prevent irritation by vapors.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### ENGINEERING CONTROLS:

Exhaust ventilation

Eyewash stations.

### RESPIRATORY PROTECTION:

Use in a well ventilated area.

Use approved NIOSH respiratory protection if TLV exceeded or overexposure is likely.

### PROTECTIVE GLOVES:

Cloth gloves.

### EYE AND FACE PROTECTION:

Safety glasses.

### OTHER PROTECTIVE EQUIPMENT:

None known.

### VENTILATION:

Use only in well ventilated area.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### PRODUCT INFORMATION:

BOILING POINT	:	NA	(C) NA	(F)
VAPOR PRESSURE(20 C)(MM HG):	:	UNK		
VAPOR DENSITY (AIR=1)	:	UNK		
FREEZING POINT	:	NA	(C) NA	(F)
MELTING POINT	:	NA	(C) NA	(F)
PHYSICAL STATE	:	SOLID		
ODOR	:	ACETIC ACID		
COLOR	:	TRANSLUCENT		
ODOR THRESHOLD (PPM)	:	UNK		
% VOLATILE BY VOLUME	:	<3.9		
EVAP. RATE(BUTYL ACETATE=1):	:	<1		
SPECIFIC GRAVITY (WATER=1)	:	1.05		
DENSITY (KG/M3)	:	1050		
ACID/ALKALINITY (MEQ/G)	:	UNK		
PH	:	NA		
VOC EXCL.H2O & EXEMPTS(G/L):	:	<41		
SOLUBILITY IN WATER (20 C)	:	INSOLUBLE		
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):	:	TOLUENE		

## 10. STABILITY AND REACTIVITY

**STABILITY:** STABLE  
**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR  
**HAZARDOUS THERMAL DECOMPOSITION/COMBUSTION PRODUCTS:**  
Carbon monoxide.  
Carbon dioxide.  
Silicon dioxide.  
Acetic acid.  
**INCOMPATIBILITY (MATERIALS TO AVOID):**  
None known.  
**CONDITIONS TO AVOID:**  
None known.

## 11. TOXICOLOGICAL INFORMATION

**PRODUCT INFORMATION:**  
**ACUTE ORAL LD50 (MG/KG):** UNKNOWN  
**ACUTE DERMAL LD50 (MG/KG):** UNKNOWN  
**ACUTE INHALATION LC50 (MG/L):** UNKNOWN  
**OTHER:**  
None.  
**AMES TEST:** UNKNOWN

## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** No data at this time  
**CHEMICAL FATE INFORMATION:** No data at this time

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:**  
Disposal should be made in accordance with federal, state and local regulations.

## 14. TRANSPORT INFORMATION

**DOT SHIPPING NAME:** NONE  
**DOT HAZARD CLASS:** NOT DOT REGULATED  
**DOT LABEL(S):** NONE  
**UN/NA NUMBER:** NONE  
**PLACARDS:** NONE  
**IATA:**  
NOT REGULATED BY IATA  
**IMO IMDG-code:** NOT REGULATED FOR OCEAN TRANSPORTATION  
**EMS No:** NA  
**EUROPEAN CLASS:**  
**RID (OCTI):** NONE  
**ADR (ECE) :** NONE  
**RAR (IATA):** NONE

## 15. REGULATORY INFORMATION

**SARA SECTION 302:**

None Found

**SARA (311,312) HAZARD CLASS:**

ACUTE HEALTH HAZARD

**SARA (313) CHEMICALS:**

NONE

**CPSC CLASSIFICATION:**

NONE

**WHMIS HAZARD CLASS:**

D2A VERY TOXIC MATERIALS

D2B TOXIC MATERIALS

**WHMIS TRADE SECRET:**

None

**EXPORT:**

SCHDLE B/HTSUS:

3214.10 Mastic Based on Rubber

ECCN:

EAR99

**HAZARD RATING SYSTEMS**

HMIS

FLAMMABILITY 0 , REACTIVITY 0 , HEALTH 2

NFPA

FLAMMABILITY 0 , REACTIVITY 0 , HEALTH 2

**CALIFORNIA PROPOSITION 65:**

NONE

**16. OTHER INFORMATION**

This product or its components are on the European inventory of existing commercial chemicals (EINECS).....

.....  
These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.  
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C = ceiling limit                      NEGL = negligible  
EST= estimated                        NF = none found  
NA = not applicable                   UNKN = unknown  
NE = none established                REC = recommended  
ND = none determined                V = recomm. By vendor  
By-product = reaction by-           SKN = skin  
product, TSCA inventory            TS = trade secret  
status not required under           R = recommended  
40 CFR part 720.30(h-2)            MST = mist  
STEL = short term exposure        NT = not tested  
limit  
.....

**DATE PRINTED: 04/18/01****\*\*\* END OF MSDS \*\*\***